

## **RAW SEQUENCE LISTING**

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Application Serial Number: 10/743,704  
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## RAW SEQUENCE LISTING

DATE: 11/04/2005

PATENT APPLICATION: US/10/743,704

TIME: 13:29:08

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Output Set: N:\CRF4\11042005\J743704.raw

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1 <110> APPLICANT: KEITH, TIM
2     LITTLE, RANDALL D.
3     EERDEWEGH, PAUL VAN
4     DUPUIS, JOSEE
5     DEL MASTRO, RICHARD L.
6     SIMON, JASON
7     ALLEN, KRISTINA
8     PANDIT, SUNIL
9 <120> TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
OBESITY
10 <130> FILE REFERENCE: 2976-4037
11 <140> CURRENT APPLICATION NUMBER: US/10/743,704
12 <141> CURRENT FILING DATE: 2003-12-22
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14 <151> PRIOR FILING DATE: 2000-07-28
15 <150> PRIOR APPLICATION NUMBER: 60/211,749
16 <151> PRIOR FILING DATE: 2000-06-14
17 <150> PRIOR APPLICATION NUMBER: 60/146,336
18 <151> PRIOR FILING DATE: 1999-07-30
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| 172 | gacgatgagg  | acacagaggc  | cccaggggag  | ggaggggaga  | gcggggccac  | cggaggggct  | 8520 |
| 173 | gtggtcagct  | caaagcctct  | ggagtcaagg  | ataaatcctc  | tgacctttga  | cctccgacct  | 8580 |
| 174 | ccctctcctt  | ggctccaggc  | tcccacaca   | gctttccatg  | accaaatctt  | acaggagact  | 8640 |
| 175 | gaagggcagt  | ccgggtgagg  | tctgttaagt  | accgccagg   | cacagaacgg  | agggtggcag  | 8700 |
| 176 | gggaggagag  | acccctgggc  | tggcgtctgc  | cttcaccctg  | cacatcaggc  | ctgtgtgggg  | 8760 |
| 177 | gtgtcaccat  | ccttactctc  | ctggcatctg  | atccaagatt  | acgcctggca  | gggcctctcc  | 8820 |
| 178 | tctgggatta  | gctccgggaa  | agctcccatc  | agtgaaggga  | ggggctcagg  | ctctgtgcac  | 8880 |
| 179 | acaggggtgc  | ccccttccag  | ggagggagca  | gctctccac   | atggcagaac  | actcatttcc  | 8940 |
| 180 | tgtcagtgtc  | ctcctgagca  | cacaaggatt  | aaactgagca  | gcaagcactc  | caggtggccg  | 9000 |
| 181 | agaggccctg  | ggggatgggc  | cccttgccct  | ggcctccctc  | gcaaggcagc  | tcccggcccg  | 9060 |
| 182 | gggcccctgc  | tctgagagcg  | agggtgtgag  | gctcttccta  | tgggctacct  | ggcccatccc  | 9120 |
| 183 | cagaacggcc  | tgcactgtcc  | ctccccgacc  | tgcacccaga  | catggacact  | caccctcccc  | 9180 |
| 184 | aacccctgag  | acattcagggt | ccacactggg  | gcctgggccc  | cctcaagttg  | catggggact  | 9240 |
| 185 | gggggtgcctt | ggcgccctctt | ctgtgagtat  | tcctacacac  | agagcctgct  | tcctctccaa  | 9300 |
| 186 | cctgcacctta | aacatggaca  | ctcaccatcc  | ccaacccccg  | agactttcag  | gtccacactg  | 9360 |
| 187 | gggcctgggc  | cccctcaagt  | tgcattggga  | ctgggctgcc  | tgggcgcctc  | ttctgtgagt  | 9420 |
| 188 | gttccctacac | acagagcctg  | cctcctgtcc  | gggtgatgtt  | gggtcgtcct  | ccgcctctgg  | 9480 |
| 189 | gagcacctgc  | aggggctgtt  | gctctgggct  | ccctggagat  | gcaagccccc  | gggcctgcct  | 9540 |
| 190 | gcttgttatg  | tgtgtattca  | ttaagcccat  | gccagcgggg  | gtctccgcaa  | gaaacaggca  | 9600 |
| 191 | cagtgtgtg   | agggggctaa  | tgaggcctga  | tttctccagg  | ggcaggcagg  | acgggagccc  | 9660 |

## RAW SEQUENCE LISTING

DATE: 11/04/2005

PATENT APPLICATION: US/10/743,704

TIME: 13:29:08

Input Set : N:\Crf3\RULE60\10743704.raw

Output Set: N:\CRF4\11042005\J743704.raw

```

192 atgaggggttg ctgaggaccc agggatgtgc actgtgggaa gccaccacca cccagaagcc 9720
193 ggcaagggca agggagaagt tagtggtgcc agaacatggc taaacgaggc agccatggaa 9780
194 aggggatgca gacaggaagt ggagaggaag gcggttctcc aggagcccta ggacctgctc 9840
195 tggggctgct gctgctgagc ccaactggga accagagcac aggataatgg tgacactggg 9900
196 gatgatggcg atggagatga ttatgatggg gatgatgatg gtgatgggtg tgatgatggg 9960
197 gatgatgatg gtgacggtgg tgatggtgat ggtgatgatg gtgatgatgg tgacggtggg 10020
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199 ggtgatgatg gtgatgatgg tgatggtgat gctgatgggtg gtggtgggtga tgatggtggg 10140
200 gatgatgatg atgatgatgg tgatgatggg gatgctgatg gtgatgatgg tgatggtgat 10200
201 catggtgatg atgatggtga tgggtgatgat gatgatgggtg atggtgggtga tgatggtgat 10260
202 ggtgatgatg atgatggtga tgggtgatgct ttcaccacgg ggcg 10304
204 <210> SEQ ID NO: 2
205 <211> LENGTH: 1581
206 <212> TYPE: DNA
207 <213> ORGANISM: Homo sapiens
208 <220> FEATURE:
209 <221> NAME/KEY: CDS
210 <222> LOCATION: (3)..(1307)
211 <400> SEQUENCE: 2
212 tc acg agc tgc cca cgt cct ctc cag gaa ggg acc ccg ggt tca cga 47
213 Thr Ser Cys Pro Arg Pro Leu Gln Glu Gly Thr Pro Gly Ser Arg
214 1 5 10 15
215 gct gcc cac gtc gtc tcc agg aag gga ccc ggg tcc acg agc tgc cca 95
216 Ala Ala His Val Val Ser Arg Lys Gly Pro Gly Ser Thr Ser Cys Pro
217 20 25 30
218 cgt cct ctc cag gaa agg acc cgg gtc cac gag ctg gcc acg tcc tct 143
219 Arg Pro Leu Gln Glu Arg Thr Arg Val His Glu Leu Ala Thr Ser Ser
220 35 40 45
221 gca gga agg gac ccc ggg tcc acg agc tgc cca cgt cct ctc cag gaa 191
222 Ala Gly Arg Asp Pro Gly Ser Thr Ser Cys Pro Arg Pro Leu Gln Glu
223 50 55 60
224 ggg acc ccg ggt tca cga gct gcc cac gtc ctc tcc agg aag gga ccc 239
225 Gly Thr Pro Gly Ser Arg Ala Ala His Val Leu Ser Arg Lys Gly Pro
226 65 70 75
227 cgg gtc cac gag ctg ccc acg tcc tct cca gga agg gac ccc ggg tcc 287
228 Arg Val His Glu Leu Pro Thr Ser Ser Pro Gly Arg Asp Pro Gly Ser
229 80 85 90 95
230 acg aac tgc cca cgt cct ctc cag gaa ggg acc ccg ggt tca cga gct 335
231 Thr Asn Cys Pro Arg Pro Leu Gln Glu Gly Thr Pro Gly Ser Arg Ala
232 100 105 110
233 gcc cac gtc ctc tcc agg agg gga cac cgg gtt cac gag ctg ccc acg 383
234 Ala His Val Leu Ser Arg Arg Gly His Arg Val His Glu Leu Pro Thr
235 115 120 125
236 ccc tct cca gga agg gac ccc ggg ttc atg agc tgc cca cgt cct ctc 431
237 Pro Ser Pro Gly Arg Asp Pro Gly Phe Met Ser Cys Pro Arg Pro Leu
238 130 135 140
239 cag gaa ggg acc cgg gtc cac gaa ctg ccc acg ccc tct cca gga ggg 479
240 Gln Glu Gly Thr Arg Val His Glu Leu Pro Thr Pro Ser Pro Gly Gly
241 145 150 155

```

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 11/04/2005  
PATENT APPLICATION: US/10/743,704      TIME: 13:29:09

Input Set : N:\Crf3\RULE60\10743704.raw  
Output Set: N:\CRF4\11042005\J743704.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 267  
Seq#:45; N Pos. 267

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 9

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/743,704

DATE: 11/04/2005

TIME: 13:29:09

Input Set : N:\Crf3\RULE60\10743704.raw

Output Set: N:\CRF4\11042005\J743704.raw

L:35 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:240

L:1327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:240